

April 12, 2010 3:21:48 PM

0413



Item ID: D2989-041

Accept

**Setup Start**

Revision ID:

Item Name: Basket Lid Assembly

Stop



Start Date: 12/04/2010 **Start Qty:** 1.00

**Cust Item ID:**

Required Date: 20/04/2010 **Req'd Qty:** 1.00



Customer:

Reference:

Approvals: _____ **Process Plan:** _____

Date: 10-21-12 Tooling:

Date:

Run Start



QC:

Date: _____ **SPC (Y/N):** _____

Date:

Stop

[illegible]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 57646

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Page 3

Item ID:	D2989-041	Accept		Setup	Start	
Revision ID:						
Item Name:	Basket Lid Assembly				Stop	
Start Date:	12/04/2010	Start Qty:	1.00			
Required Date:	20/04/2010	Req'd Qty:	1.00			
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
131 	Wing Walk as per dwg QSI005 4.4 Batch	M113545 0.00							
HandFinish	Memo	0.00							
Hand Finishing	Mask lid prior to spray paint black and wing walk as per dwg A/R Spray paint black batch:	M112549							
140 	QC3- Inspect Part Finish	0.00							
QC	Memo	0.00							
Quality Control									
141 	Identify as per dwg & Stock Location:	0.00							
Packaging	Memo	0.00							
Packaging									

= 7M-1 10/05/03 (1X)

① BR 10-5-3.

① BR 10-5-3.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 57646

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Item ID: D2989-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Basket Lid Assembly

Start Date: 12/04/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 20/04/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/04

BS 10-5-04
①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

April 12, 2010 3:21:52 PM

Page 1

Work Order ID: 57646

Parent Item: D2989-041

Parent Item Name: Basket Lid Assembly

Start Date: 12/04/2010

Required Date: 20/04/2010

Comments: IPP Rev:I Removed D2989-043 05-11-03 JLM
 IPP Rev:J 08-08-29 revC as per dwg DD verified by:EC
 IPP Rev:K 08-09-24 plug hole prior to powder coating DD verified by:EC
 IPP Rev:L 08-12-02 revD as per dwg DD verified by:

Start Qty: 1.00

Required Qty: 1.00

✓ D2221-1 Manufactured No 100 Each 7.0000 2.0000



Rib

Pl 10.04.28

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

WA

57182

B 57499 → 1

7

7

①

✓ D2506 Manufactured No 100 Each 0.0000 1.0000



Label Plate

D2512-7

Manufactured No

100 Each 2.0000 1.0000



Rib

B 57599 → ① Pl 10.04.28

Pl 10.04.28

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

WA

54130

2

2

①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

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Page 2

Work Order ID: 57646



Parent Item: D2989-041



Parent Item Name: Basket Lid Assembly

Start Date: 12/04/2010

Required Date: 20/04/2010

Comments: IPP Rev:I Removed D2989-043 05-11-03 JLM
 IPP Rev:J 08-08-29 revC as per dwg DD verified by:EC
 IPP Rev:K 08-09-24 plug hole prior to powder coating DD verified by:EC
 IPP Rev:L 08-12-02 revD as per dwg DD verified by:

Start Qty: 1.00

Required Qty: 1.00

✓ D2581 Manufactured No 100 Each 51.0000 2.0000



Mounting Bracket

Pl 10.04.28

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA

51

46086

2

51745

2

55918

2

57185

45

✓ D2989-13 Manufactured No 100 Each 0.0000 2.0000



Rib

✓ D2989-19 Manufactured No 100 Each 0.0000 2.0000



Rib

✓ D3832-3 Manufactured No 100 Each 1.0000 1.0000



Mesh (Lid)

2

B57424 → 2 Pl 10.04.28

B57441 → 2 Pl 10.04.28

Pl 10.04.28

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA

1

55556

1

B57187 → 1

April 12, 2010 3:21:52 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 3

Work Order ID: 57646

Parent Item: D2989-041

Parent Item Name: Basket Lid Assembly

Comments: IPP Rev:I Removed D2989-043 05-11-03 JLM
 IPP Rev:J 08-08-29 revC as per dwg DD verified by:EC
 IPP Rev:K 08-09-24 plug hole prior to powder coating DD verified by:EC
 IPP Rev:L 08-12-02 revD as per dwg DD verified by:

Start Date: 12/04/2010

Required Date: 20/04/2010

Start Qty: 1.00

Required Qty: 1.00

✓ D3833-3 Manufactured No 100 Each 9.0000 2.0000



Mesh (Lid End)



lpl 10.04.28

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA

9

46308

1

53492

8

✓ D3836-041 Manufactured No 100 Each 0.0000 1.0000



Rib Assembly (Basket Lid, LH)



857426 → ① lpl 10.04.28

✓ D3836-042 Manufactured No 100 Each 0.0000 1.0000



Rib Assembly (Basket Lid, RH)



857597 → ① lpl 10.04.28

✓ D3852-041 Manufactured No 100 Each 2.0000 1.0000



Rib Assembly



lpl 10.04.28

Warehouse Loc Qty Loc Code

Location

Main Warehouse

WA

2

57427

2

①

April 12, 2010 3:21:52 PM

Shop Packet Print

Page 3

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 4

Work Order ID: 57646



Parent Item: D2989-041



Parent Item Name: Basket Lid Assembly

Start Date: 12/04/2010

Required Date: 20/04/2010

Comments: IPP Rev:I Removed D2989-043 05-11-03 JLM
IPP Rev:J 08-08-29 revC as per dwg DD verified by:EC
IPP Rev:K 08-09-24 plug hole prior to powder coating DD verified by:EC
IPP Rev:L 08-12-02 revD as per dwg DD verified by:

Start Qty: 1.00

Required Qty: 1.00

√ D3852-042

Manufactured No

100

Each

2.0000

1.0000



Rib Assembly



Pl 10-04-28

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

WA

2

57438

2

(1)

April 12, 2010 3:21:52 PM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

D2989-043 BASKET LID ASSEMBLY
(MESH SHOWN LOCALLY FOR CLARITY)

D2989-041 BASKET LID ASSEMBLY
(MESH SHOWN LOCALLY FOR CLARITY)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 57644
BS 10-4-12

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4
SPRAY PAINT INSIDE SURFACE BLACK PRIOR TO APPLYING ANTI-SKID
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: D2989-041 = 26.50 lbs; D2989-043 = 15.50 lbs
- 8) WELD PER DART QSI 004

ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
1	X		D2989-041	BASKET LID ASSEMBLY
2		X	D2989-043	BASKET LID ASSEMBLY
3	1		D2506	LABEL PLATE
4	1		D2512-7	RIB
5	2		D2581	MOUNTING BRACKET
6		1	D2989-3	RIB
7		1	D2989-4	RIB
8		2	D2989-5	RIB
9	2		D2989-13	RIB
10	2	1	D2989-17	RIB
11	2		D2989-19	RIB
12		2	D3182-1	HINGE
13		2	D3442-3	SHIM
14		1	D3827-041	RIB ASSY (INBOARD)
15	1		D3832-3	MESH, BASKET LID
16		1	D3832-5	MESH, BASKET LID
17	2		D3833-3	MESH, LID END
18	2		D3833-5	MESH, LID END
19	1		D3836-041	RIB ASSY (BASKET LID, LH)
20	1		D3836-042	RIB ASSY (BASKET LID, RH)
21		1	D3838-041	RIB ASSY (BASKET LID, LH)
22		1	D3838-042	RIB ASSY (BASKET LID, RH)
23	1		D3852-041	RIB ASSEMBLY
24	1		D3852-042	RIB ASSEMBLY

RELEASED
08/11/12

D	REVISED -041/-043 PARTS LISTS AND ADDED "ITEM" COLUMN TO PARTS LIST (ZN D3-1); D3836-041 REPLACES D2989-9/-15; D3836-042 REPLACES D2989-10/-15; D3838-041 REPLACES D2989-1/-7; D3838-042 REPLACES D2989-2/-7; D3852-041 REPLACES D2989-11; D3852-042 REPLACES D2989-2, REMOVED D2327-3 (NOW INSTALLED ON D3836 DWG); D2989-9/-10 (NOW ON D3836 DWG); D2989-11/-12 (NOW ON D3838 DWG) AND D2989-11/-12 (NOW ON D3852 DWG). REASON: TO SATISFY "LEAN MANUFACTURING" PROGRAM	MB	08.09.24
C	FRAME MATERIAL WAS 0.060 WALL; MESH MATERIAL UPDATED; DRAWING TRANSFERRED TO "B" FORMAT AND CURRENT DRAFTING STANDARD	AJS	08.05.20
B	ADD SHIM UNDER HINGES, UPDATE LID DIMENSIONS	PH	05.06.07
A	NEW ISSUE	DS	00.10.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED	<i>[Signature]</i>		
MFG. APPR.	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	08.09.24		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D2989 REV. D SHEET 1 OF 5 TITLE BASKET LID ASSEMBLY SCALE NTS COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

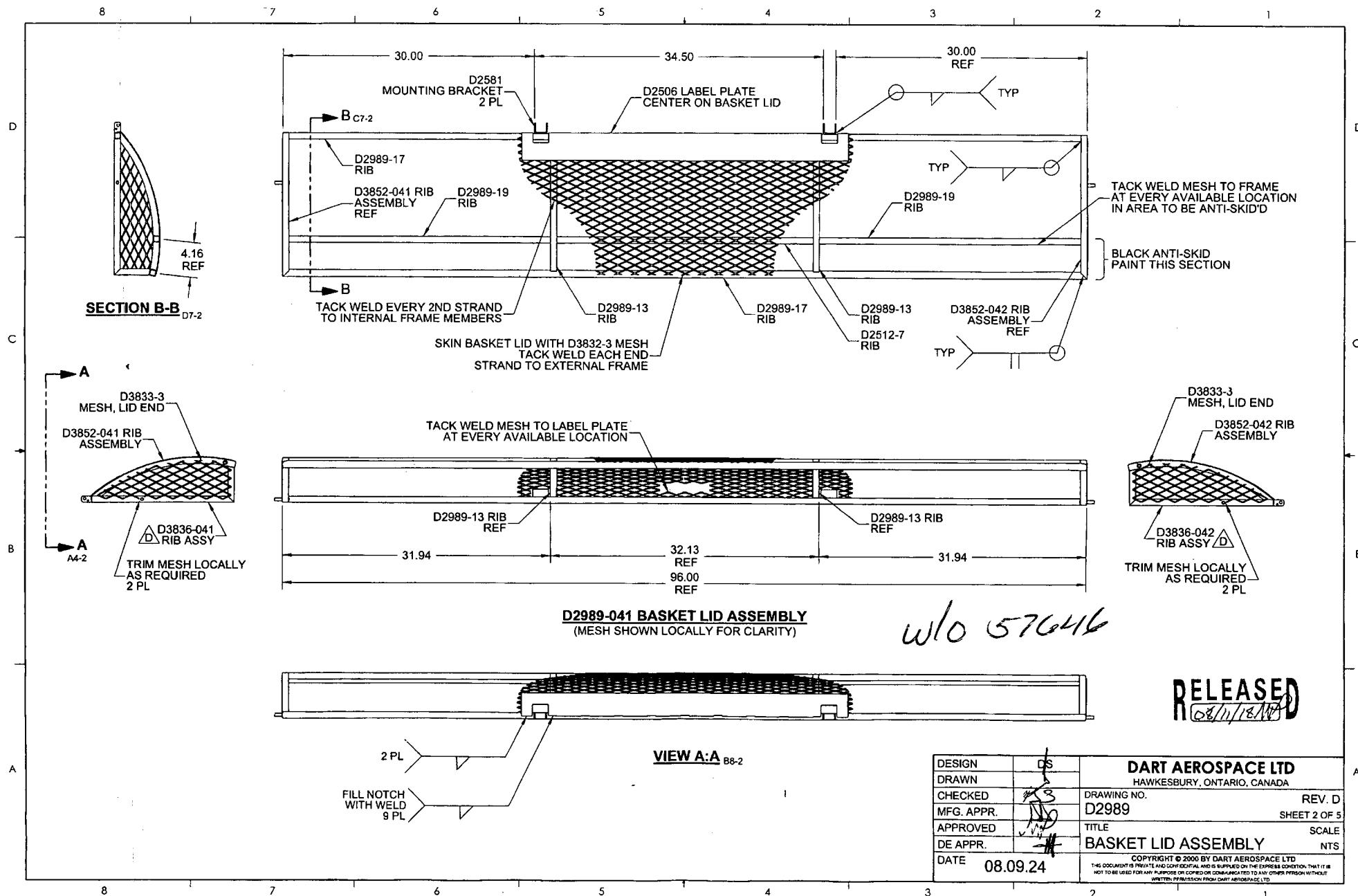
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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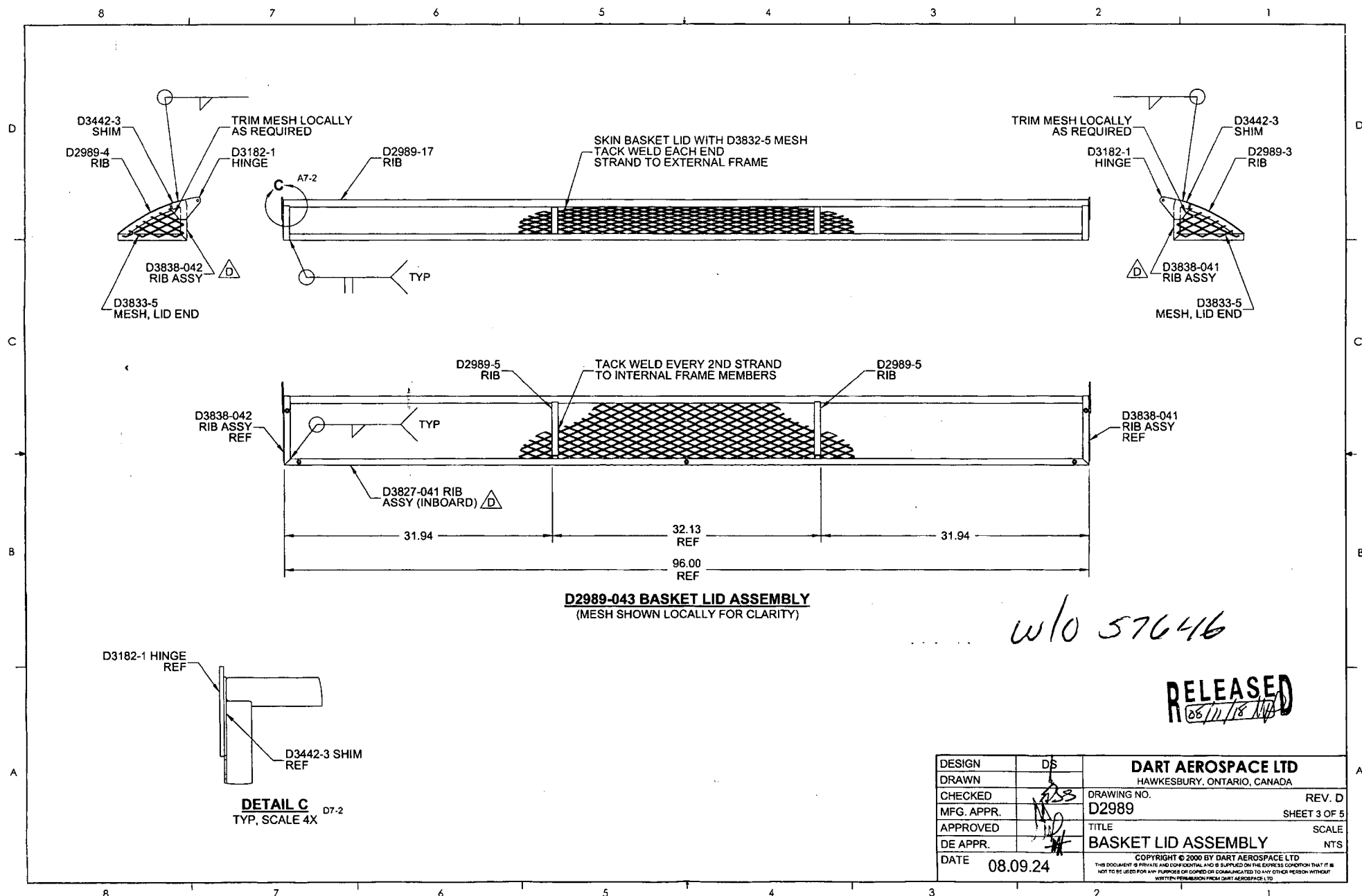
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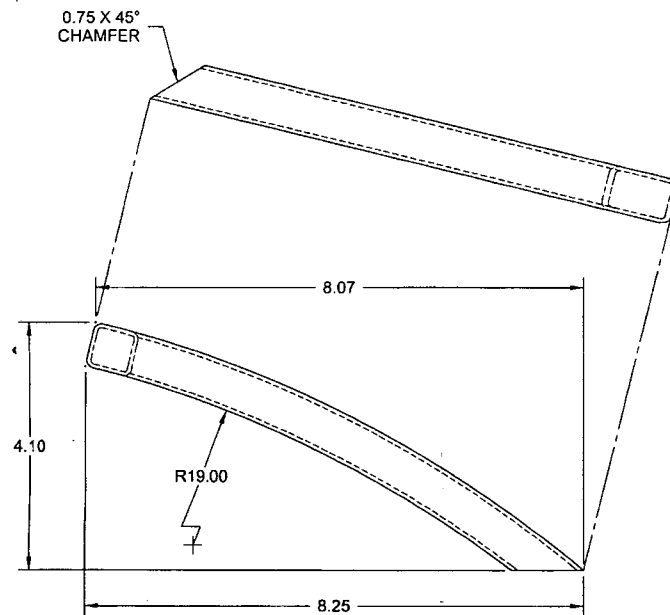
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

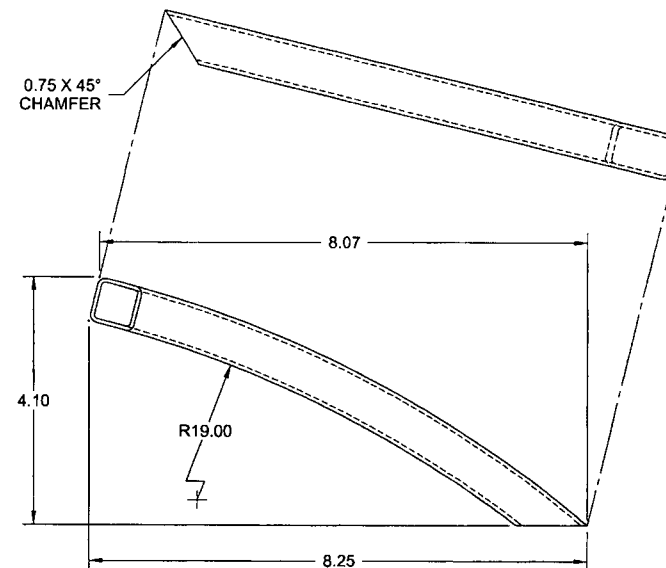
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NOTE: Date & initial all entries



D2989-3 RIB

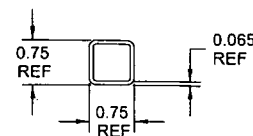


D2989-4 RIB




w/o 57646

RELEASED
08/11/18 NW

- NOTES:**
- 1) MATERIAL: D3166-3 BASKET HOOP
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 8) WEIGHT: D2989-3/4 = 0.39 lbs;



TYPICAL SECTION VIEW

DESIGN	DS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D2989	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY	NTS
DATE	08.09.24	COPYRIGHT © 2000 BY DART AEROSPACE LTD	
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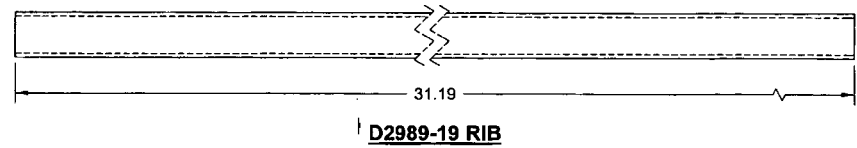
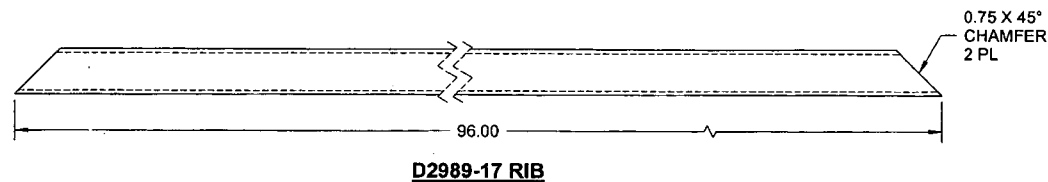
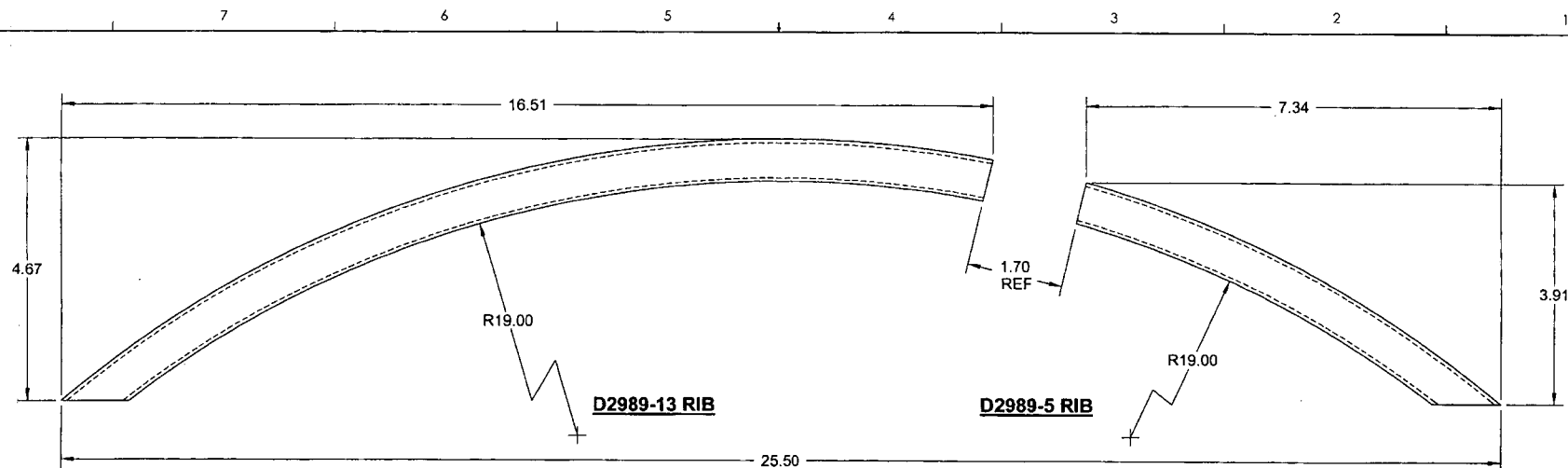
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

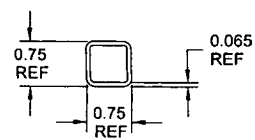
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NOTE: Date & initial all entries



w/o 57646



**TYPICAL SECTION
VIEW**

RELEASED
08/11/18 W

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL
REF. DART SPEC. M304TS0.750W0.065
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 8) WEIGHT: D2989-5 = 0.37 lbs; D2989-13 = 0.81 lbs; D2989-17 = 4.57 lbs; D2989-19 = 1.50 lbs

DESIGN	DS	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. D
MFG. APPR.		D2989	SHEET 5 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY	NTS
DATE	08.09.24	<small>COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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